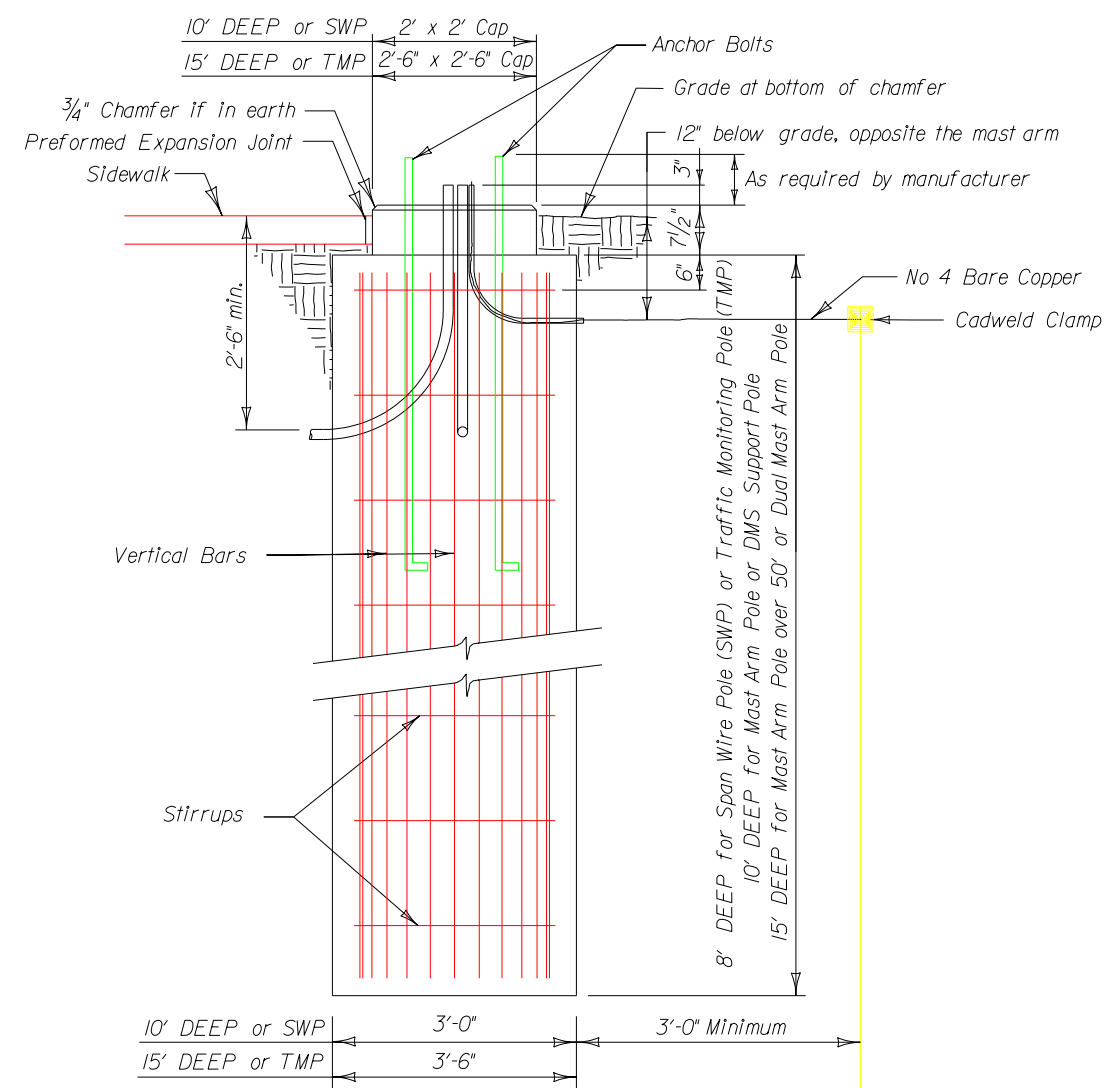


TOP VIEW



SIDE VIEW

F-8 FOUNDATION

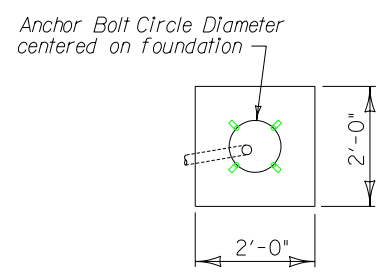
F-8 REINFORCING STEEL

All steel to be a minimum of 3" from edge of foundation.

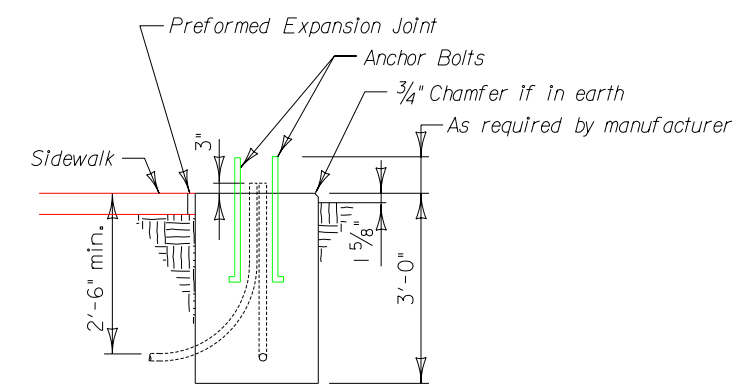
- F-502 (8) 7'-4" of No 5 Vertical Bars for 8'-0" DEEP
 (8) 9'-4" of No 5 Vertical Bars for 10'-0" DEEP
 (24) 14'-4" of No 7 Vertical Bars for 15'-0" DEEP

- F-503 (8) No 5 Stirrups at 1'-0" centers for 8'-0" DEEP
 (10) No 5 Stirrups at 1'-0" centers for 10'-0" DEEP
 (10) No 4 Stirrups at 1'-6" centers for 15'-0" DEEP

- (Alternate)
 F-501 (8) No 5 Stirrups at 1'-0" centers for 8'-0" DEEP
 (10) No 5 Stirrups at 1'-0" centers for 10'-0" DEEP
 (10) No 4 Stirrups at 1'-6" centers for 15'-0" DEEP



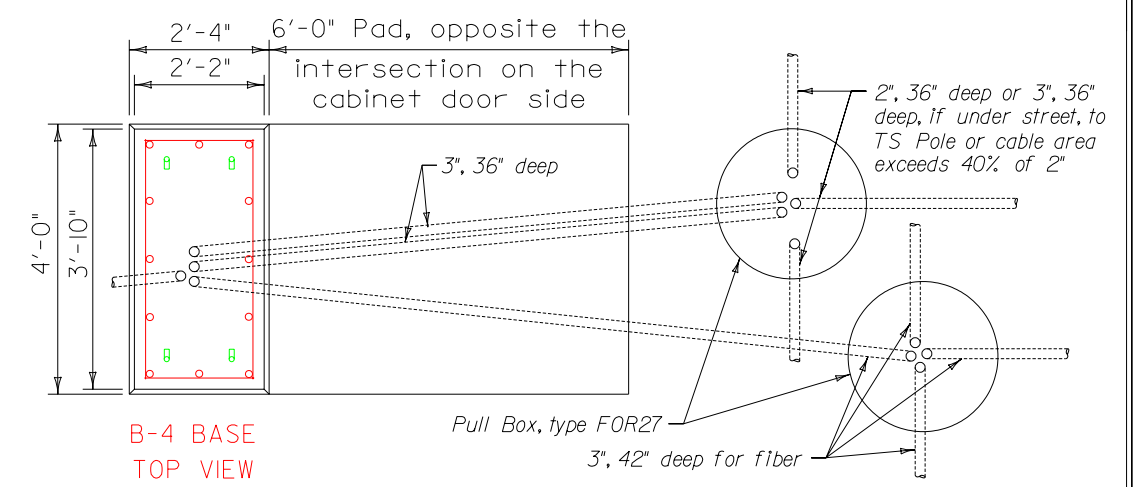
TOP VIEW



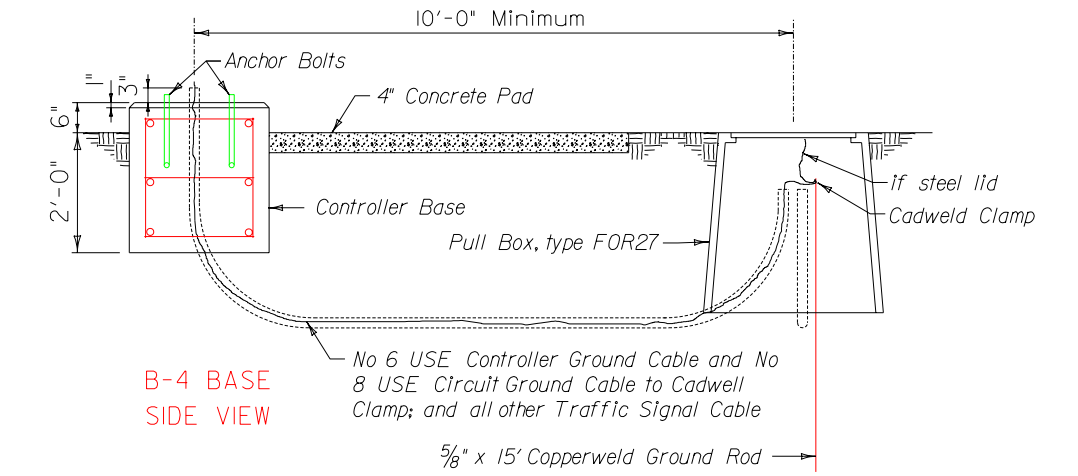
FRONT AND SIDE VIEW

F-4A FOUNDATION

See F-8 for pole or B-4 for controller ground rod installation



B-4 BASE TOP VIEW



B-4 BASE SIDE VIEW

B-4 CONTROLLER BASE, PAD AND GROUND ROD INSTALLATION

All steel is No 4 with a minimum 3" clearance to any edge of concrete. Contractor to install an extra 3" stub from the cabinet to not under concrete.

GROUNDING

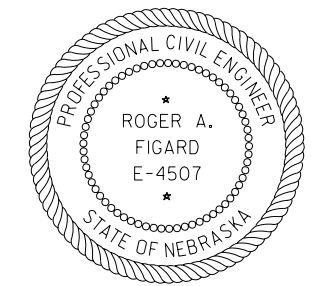
The Ground Rod for the B-4 and F-4A Controller Base shall be installed in a pull box not less than 10' from the controller. (1) No 6 & (1) No 8 USE Cable shall be installed between the controller and the ground rod. The contractor shall bond the cables at the ground rod. Connections at the controller will be by City Forces. The Ground Rod for the F-8 and F-4A Foundation shall be located 3' from the edge of the foundation and the top of the ground rod shall be 1' below the finished grade. UNDER NO CIRCUMSTANCES SHALL THE GROUND ROD BE INSTALLED WITHIN THE CABINET FOUNDATION.

CONDUIT BENDS

Conduit bends shall be 90°. They shall be located a minimum of 30 inches below ground level. There shall be a minimum of one spare conduit bend installed in each foundation with both ends plugged and free of debris and moisture. Standpipe conduit 2 inches minimum above top of finished foundation.

ANCHOR BOLT INFORMATION									
MAST ARM LENGTHS	18' - 32'	34' - 50'	55' - 70'	19' DMS	55' TMP	60' TMP	65' TMP	70' TMP	75' TMP
ANCHOR BOLT SIZE	1 1/2"x54"x6"	1 3/4"x84"x6"	2"x84"x6"	1 1/2"x60"x6"	1 1/2"x54"x6"	1 1/2"x54"x6"	1 1/2"x54"x6"	1 1/2"x54"x6"	1 1/2"x54"x6"
BOLT CIRCLE	17"	17 1/2"	20 1/2"	16"	20"	21"	23"	25"	27"

TMP is Traffic Monitoring Pole



REVISIONS			FOUNDATIONS AND BASES	
NO.	BY	DATE		
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

CITY OF LINCOLN, NEBRASKA
OFFICE OF THE CITY ENGINEER

Date: 5-03 / CAW Scale: None

PLAN NO. L.S.P. 82